

Title (en)
DERIVATION OF THE POSITION IN SCAN ORDER OF THE LAST SIGNIFICANT TRANSFORM COEFFICIENT IN VIDEO CODING

Title (de)
ABLEITUNG DER POSITION DES LETZTEN SIGNIFIKANTEN TRANSFORMATIONSKOEFFIZIENTEN IN EINER SCANREIHENFOLGE BEI DER VIDEOKODIERUNG

Title (fr)
DÉRIVATION DE LA POSITION DANS L'ORDRE DE BALAYAGE DU DERNIER COEFFICIENT DE TRANSFORMÉE SIGNIFICATIF DANS UN CODAGE VIDÉO

Publication
EP 2727346 A1 20140507 (EN)

Application
EP 12733386 A 20120628

Priority

- US 201161502269 P 20110628
- US 201161503529 P 20110630
- US 201161550775 P 20111024
- US 201161550784 P 20111024
- US 201213534306 A 20120627
- US 2012044633 W 20120628

Abstract (en)
[origin: US2013003834A1] A video decoder converts a block-based LSC indicator into a scan-based LSC indicator. The block-based LSC indicator indicates coordinates of a last significant coefficient of a block of transform coefficients according to a scanning order. The scan-based LSC indicator indicates an ordinal position of the LSC according to the scanning order. The video decoder may decode, based on the scan-based LSC indicator, a significance map for the block.

IPC 1-7
H04N 7/26

CPC (source: EP US)
H04N 19/129 (2014.11 - EP US); **H04N 19/13** (2014.11 - EP US); **H04N 19/196** (2014.11 - EP US); **H04N 19/44** (2014.11 - EP US); **H04N 19/463** (2014.11 - EP US); **H04N 19/91** (2014.11 - US)

Citation (search report)
See references of WO 2013003584A1

Citation (examination)
DA AN ET AL: "A novel fast DCT coefficient scan architecture Å", PICTURE CODING SYMPOSIUM 2009; 6-5-2009 - 8-5-2009; CHICAGO., 6 May 2009 (2009-05-06), XP030081792

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
US 2013003834 A1 20130103; US 9167253 B2 20151020; BR 112013032702 A2 20170124; CA 2840618 A1 20130103; CA 2840618 C 20170905; CN 103621086 A 20140305; CN 103621086 B 20170811; CN 103636213 A 20140312; EP 2727343 A1 20140507; EP 2727343 B1 20161214; EP 2727346 A1 20140507; JP 2014521249 A 20140825; JP 2014523704 A 20140911; JP 5792381 B2 20151014; JP 5792382 B2 20151014; KR 101617968 B1 20160503; KR 101650635 B1 20160823; KR 20140028129 A 20140307; KR 20140029533 A 20140310; RU 2014102578 A 20150810; RU 2576590 C2 20160310; US 2013003835 A1 20130103; US 9491469 B2 20161108; WO 2013003581 A1 20130103; WO 2013003584 A1 20130103

DOCDB simple family (application)
US 201213534306 A 20120627; BR 112013032702 A 20120628; CA 2840618 A 20120628; CN 201280031268 A 20120628; CN 201280031357 A 20120628; EP 12732936 A 20120628; EP 12733386 A 20120628; JP 2014519020 A 20120628; JP 2014519021 A 20120628; KR 20147002331 A 20120628; KR 20147002533 A 20120628; RU 2014102578 A 20120628; US 2012044629 W 20120628; US 2012044633 W 20120628; US 201213534332 A 20120627